

Solar Proposal Pack

Example: 30 kWp commercial rooftop (fictional)

Prepared by WG SOLAR PTE. LTD. (Singapore, UEN 202343648G) for: *[Installer name – placeholder]* • Date: 2026-10-29 • Version: SAMPLE v0.1

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1. Site summary (fictional)

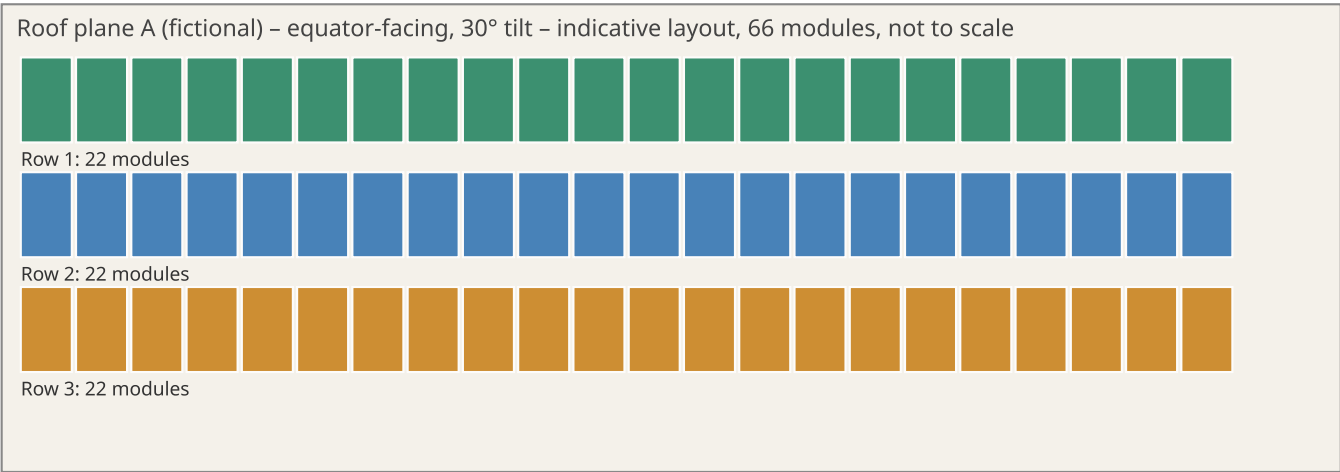
Item	Value
Building	Fictional single-storey warehouse, pitched roof plane facing the equator, assumed 30° tilt and no shading
Location used for simulation	Munich, Germany – approximate city-centre coordinates (48.14 N, 11.58 E). Real inputs for a live project: exact address, roof survey, shading data.
Installer inputs we would receive	Roof dimensions/photos or CAD, 12-month electricity bills or load profile, local grid code, preferred equipment, target price level

2. Indicative system summary

DC capacity	66 × 455 Wp = 30.03 kWp
Indicative inverter size	≈ 25 kW three-phase (generic; DC/AC ratio 1.20) – final electrical design by the installer
Mounting	Roof-mounted, 30° tilt, equator-facing (assumption)

Component values are generic placeholders for illustration, not a specific manufacturer's product. A live project uses the datasheet values of the equipment the installer selects.

3. Layout proposal (plan view, indicative)



4. Yield estimate

Method: monthly and annual energy for 1 kWp fixed-mounted c-Si, 30° tilt, equator-facing, 14 % system losses, from the European Commission JRC PVGIS tool (v5.3, radiation database PVGIS-SARAH3, called 2026-10-29, https://re.jrc.ec.europa.eu/pvg_tools/), multiplied by 30.03 kWp. This is a modelled long-term average, not a guarantee. Real projects add shading analysis, actual losses, degradation and inverter clipping.

Month	Energy (kWh)
Jan	1,431
Feb	2,047
Mar	3,049
Apr	3,616
May	3,715
Jun	3,880
Jul	3,990
Aug	3,730
Sep	3,148
Oct	2,453
Nov	1,535
Dec	1,344
Annual	33,938 kWh (≈ 1130 kWh/kWp)

5. Quote pack for the installer's customer (template)

System	30.03 kWp rooftop PV
Expected annual generation (model)	≈ 33,938 kWh (modelled estimate, not a guarantee)
Scope of supply / installation	[Installer fills in]
Price, payment terms, warranty	[Installer fills in — WG SOLAR does not set the installer's prices]
Payback / savings	[Calculated by us once the installer provides the customer's tariff and the quoted price]

6. Assumptions and limits

- Fictional site; no shading, soiling or snow modelling beyond PVGIS defaults.
- The layout is indicative; no stamped drawings, structural, fire-safety, string/electrical design or grid-connection approval is included.
- All figures are illustrative; verify against project-specific data before use.

Source: PVGIS, European Commission Joint Research Centre. WG SOLAR PTE. LTD. • UEN 202343648G • Singapore.